Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
Data File : BG064516.D
Acq On : 16 Oct 2025 14:53
Operator : RC/JU
Sample : PB170122BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 16 16:25:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB170122BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.819	152	16107	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	66931	20.000	ng		0.00
39) Acenaphthene-d10	14.446	164	49434	20.000	ng		0.00
64) Phenanthrene-d10	17.190	188	121772	20.000	ng		0.00
76) Chrysene-d12	21.415	240	133204	20.000	ng		0.00
86) Perylene-d12	24.394	264	146077	20.000	ng	#	0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	113195	130.060	ng		0.00
7) Phenol-d6	7.002	99	145083	124.047	ng		0.02
23) Nitrobenzene-d5	8.970	82	101038	81.170	ng		0.00
42) 2,4,6-Tribromophenol	15.939	330	118583	132.338	ng		0.00
45) 2-Fluorobiphenyl	13.072	172	279862	83.448	ng		0.00
79) Terphenyl-d14	19.805	244	600888	85.371	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.312	88	10638	30.902	ng		97
3) Pyridine	3.706	79	28288	30.575	ng		98
4) n-Nitrosodimethylamine	3.618	42	27541	41.063	ng		100
6) Aniline	7.149	93	46283	31.372	ng		97
8) 2-Chlorophenol	7.390	128	47137	44.106	ng		93
9) Benzaldehyde	6.955	77	20100	19.360	ng		95
10) Phenol	7.026	94	55574	45.043	ng		94
11) bis(2-Chloroethyl)ether	7.243	93	32253	38.601	ng		94
12) 1,3-Dichlorobenzene	7.707	146	48745	41.695	ng		92
13) 1,4-Dichlorobenzene	7.854	146	49294	42.012	ng		96
14) 1,2-Dichlorobenzene	8.171	146	49430	42.745	ng		98
15) Benzyl Alcohol	8.060	79	46945	43.585	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.342	45	51997	38.607	ng		94
17) 2-Methylphenol	8.265	107	40010	44.783	ng		95
18) Hexachloroethane	8.894	117	18228	39.358	ng		95
19) n-Nitroso-di-n-propyla...	8.624	70	32454	41.491	ng	#	95
20) 3+4-Methylphenols	8.589	107	54039	43.344	ng		97
22) Acetophenone	8.636	105	77600	47.884	ng	#	95
24) Nitrobenzene	9.017	77	51013	41.097	ng		97
25) Isophorone	9.540	82	93894	41.638	ng		98
26) 2-Nitrophenol	9.723	139	25918	41.952	ng		95
27) 2,4-Dimethylphenol	9.787	122	47218	50.040	ng		88
28) bis(2-Chloroethoxy)met...	10.016	93	49083	42.701	ng		95
29) 2,4-Dichlorophenol	10.263	162	49717	45.564	ng		97
30) 1,2,4-Trichlorobenzene	10.469	180	54487	45.797	ng		96
31) Naphthalene	10.657	128	145818	42.308	ng		99
32) Benzoic acid	9.946	122	39642m	54.719	ng		
33) 4-Chloroaniline	10.762	127	31878	24.103	ng		97
34) Hexachlorobutadiene	10.945	225	44490	43.664	ng		96
35) Caprolactam	11.550	113	16225m	43.435	ng		
36) 4-Chloro-3-methylphenol	11.902	107	57914	43.645	ng		95
37) 2-Methylnaphthalene	12.267	142	102234	38.642	ng		99
38) 1-Methylnaphthalene	12.484	142	105848	40.123	ng		92
40) 1,2,4,5-Tetrachloroben...	12.637	216	79790	49.990	ng	#	98
41) Hexachlorocyclopentadiene	12.619	237	115915	138.833	ng		99
43) 2,4,6-Trichlorophenol	12.878	196	50559	49.551	ng		97

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44) 2,4,5-Trichlorophenol	12.954	196	53988	47.394	ng		93
46) 1,1'-Biphenyl	13.277	154	177211	49.842	ng		99
47) 2-Chloronaphthalene	13.324	162	115866	43.648	ng		98
48) 2-Nitroaniline	13.530	65	40870	45.110	ng		96
49) Acenaphthylene	14.170	152	201834	51.219	ng		98
50) Dimethylphthalate	13.906	163	171578	44.316	ng		99
51) 2,6-Dinitrotoluene	14.023	165	37563	46.574	ng		94
52) Acenaphthene	14.511	154	122036	44.575	ng		96
53) 3-Nitroaniline	14.352	138	23407	31.469	ng		95
54) 2,4-Dinitrophenol	14.564	184	49175	84.086	ng		93
55) Dibenzofuran	14.846	168	205969	45.564	ng		97
56) 4-Nitrophenol	14.681	139	57074	97.460	ng		94
57) 2,4-Dinitrotoluene	14.817	165	57612	46.728	ng	#	93
58) Fluorene	15.498	166	171657	45.677	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.075	232	55741	47.947	ng		100
60) Diethylphthalate	15.275	149	183242	44.119	ng		99
61) 4-Chlorophenyl-phenyle...	15.486	204	90404	44.063	ng		97
62) 4-Nitroaniline	15.522	138	36916	47.618	ng	#	84
63) Azobenzene	15.780	77	144812	45.020	ng		98
65) 4,6-Dinitro-2-methylph...	15.580	198	39050	46.057	ng		90
66) n-Nitrosodiphenylamine	15.704	169	148559	45.685	ng		98
67) 4-Bromophenyl-phenylether	16.385	248	64024	44.679	ng		93
68) Hexachlorobenzene	16.503	284	76858	46.872	ng		92
69) Atrazine	16.656	200	67870	46.912	ng		96
70) Pentachlorophenol	16.844	266	95852	99.977	ng		97
71) Phenanthrene	17.231	178	291516	45.777	ng		100
72) Anthracene	17.319	178	293510	45.943	ng		98
73) Carbazole	17.590	167	263508	47.719	ng		100
74) Di-n-butylphthalate	18.154	149	316193	46.906	ng		99
75) Fluoranthene	19.241	202	363409	47.768	ng		98
77) Benzidine	19.429	184	112473	33.933	ng	#	95
78) Pyrene	19.605	202	372284	43.066	ng		99
80) Butylbenzylphthalate	20.498	149	143137	46.710	ng		97
81) Benzo(a)anthracene	21.397	228	386383	45.429	ng		99
82) 3,3'-Dichlorobenzidine	21.321	252	86920	30.195	ng		99
83) Chrysene	21.462	228	362437	44.934	ng		98
84) Bis(2-ethylhexyl)phtha...	21.321	149	198697	45.955	ng		97
85) Di-n-octyl phthalate	22.443	149	341112	46.942	ng		99
87) Indeno(1,2,3-cd)pyrene	27.754	276	473100	46.529	ng		99
88) Benzo(b)fluoranthene	23.459	252	394140	47.428	ng		97
89) Benzo(k)fluoranthene	23.518	252	384546	45.944	ng		100
90) Benzo(a)pyrene	24.258	252	374057	48.838	ng	#	98
91) Dibenzo(a,h)anthracene	27.807	278	386902	47.581	ng	#	98
92) Benzo(g,h,i)perylene	28.806	276	376191	47.607	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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